

Turn-Key Ozone Systems

Ozone Injection Systems for Water Treatment

Ozone Solutions, Inc. will build Turn-Key ozone injection systems to your specific requirements. Ozone Systems capable of up to 1000 g/hr of ozone are available as skid mounted turn-key systems.

Ozone Injection Systems may be used for the following applications:

- Wastewater Treatment
- Food Processing
- Drinking water
- Bottled Water
- Color reduction
- Water Reuse



Wastewater Treatment System



Images on this page are of a custom built wastewater treatments system. The water cooled ozone generator, oxygen concentrator, and contact system are all installed onto one convenient skid.

Only compressed air, electrical, and process water connections were necessary to operate this system.

Features

- Complete Turn-Key ozone systems done right!
- Call the professionals at Ozone Solutions, Inc. with all your ozone system needs
- We are willing to supply components separate or provide a turn-key solution for your application

Product ID: **Custom Built Ozone Injection Systems**

Top Image



From this view the compressed, air and oxygen tanks are visible. Also the off gas vent on the top of the water contact tank and ozone destruct unit are visible.

Simplified Ozone System Schematic

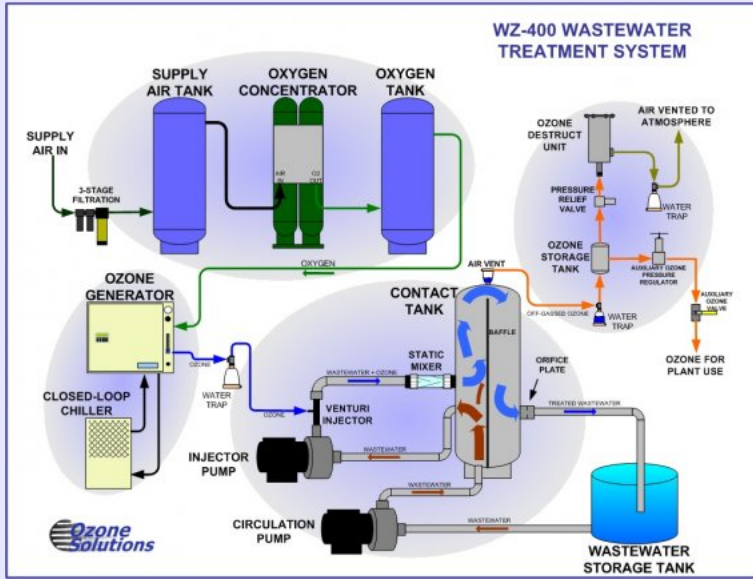


Image shows all major parts used in the construction of the WZ-400. Shaded areas show groups of parts with similar functions.

Ozone + UV System



This is an image of an Ozone Injection + UV Light System. This is becoming more popular for many application. This specific systems was sent to an aquaculture application where it was necessary to disinfect the water with ozone while leaving no ozone residual in the downstream water. The UV light removed all ozone in this system very effectively.

Ozone + UV is also useful for Advanced Oxidation Processes (AOP). This is useful when the Hydroxyl Radical (OH⁻) is desired.

Corner Image



Image of the Ozone + UV system from the controls side. As you can see, the standard TS-40 is used on this system to generate the ozone. This ozone generator includes the oxygen concentrator and ozone generator in one simple easy to use enclosure. These systems can be used with larger or smaller ozone generators of course, anything from the 8 g/hr TS-8 up the 450 g/hr TG-400 can be used.

Rear Image



From this angle the UV light can be seen. This UV-light, and ozone system, is capable of up to 100 GPM of water flow. Smaller and larger systems are available of course.